

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:58 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 783 Const Calendar Day: 254 Date: 13-Feb-2013 Wednesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 03:30 pm Break: 00:30 Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 40 - 50 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0.00"**Condition** Cloudy in the AM to sunny in the PMWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- Used the Modified Caltrans CT-1 Extensometer to measure the current elongation of bolts for cable bands 8N, 16N, 28S, 104N, 106N, 104S, and 106S. Measurements were taken by myself, John Lyons, and Alex Schmitt. It should be noted that a few bolts in cable bands 8N and 16N were QA measurements of ABF recheck measurements taken earlier in the morning. All of the bolts in cable band 28S were remeasured due to one bolt being removed to check the unstressed length. East end cable bands 104 to 106 were measured for Structures Maintenance & Investigations (SM&I) future monitoring of bolt tension on the bridge over time.

- Conducted a level run over points 2856, 2857, 2858, 2859, 2864, 2865, 2874 per the request of TY-Lin designer George Baker. The survey this morning was done at an ambient temperature of 52F under cloudy skies with a steel temperature of 55F on the W-Line Skyway top deck.

There was a discrepancy found in the elevation for point 2856 which should be adjusted +44mm equating to 49.926m instead of 49.882m. Using ABF surveyors values for station/offset of points 2856 and 2859 the calculated cross slope using my elevations is 3.15% This cross slope agrees with the CalTrans survey done on 09-06-2012 where the cross slope calculated from points WSKCR2, 204, and WSKYCR3 equals 3.17%.

Emailed the results and discussed the elevation discrepancy of point 2856 presented in RFI-3188 with Paul Jefferson and Jason Wilcox.

- Continued to prepare for future SAS surveys including the epoxy overlay, Hinges A/K expansion joints, and the final As-Built.

Attachment

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 783

Date: 13-Feb-2013

Wednesday



West end operations of removing the containment for paint on the NSS and Hinge KE concrete placement of the diaphragms.



Rebar placed for transverse tendon CBT-9 to 15 blockout on the north end of the W2 cap beam.